

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 27-18

DEPARTMENT OF THE NAVY
U.S. NAVAL RADIOLOGICAL DEFENSE LABORATORY

NOTICE OF AMENDMENT OF BYPRODUCT MATERIAL LICENSE

Please take notice that the Atomic Energy Commission has amended License No. 4-487-6 held by the Department of the Navy, U.S. Naval Radiological Defense Laboratory, San Francisco, California.

The amendment to the license provides for a change in the burial location specified in Condition 7.a. of the license. The location designated in the license is within a five-mile radius circle, the center of which is at a point designated as $37^{\circ} 41' \text{ N.}, 123^{\circ} 25' \text{ W.}$ The new area is designated on U.S. Coast and Geodetic Survey Chart 5502 as an Explosives Disposal Area with the coordinates $37^{\circ} 38' \text{ N.}, 123^{\circ} 18' \text{ W.};$ $37^{\circ} 38' \text{ N.}, 123^{\circ} 30' \text{ W.};$ $37^{\circ} 43' \text{ N.}, 123^{\circ} 24' \text{ W.}$ and $37^{\circ} 43' \text{ N.}, 123^{\circ} 30' \text{ W.}$ The entire area bounded by these points exceeds 1,000 fathoms in depth.

Most of the area around the point $37^{\circ} 41' \text{ N.}, 123^{\circ} 25' \text{ W.}$ already lies within the trapezoidal area designated above.

In accordance with the Commission's, "Rules of Practice", Title 10, Code of Federal Regulations, Chapter 1, Part 2, a formal hearing will be held on the matter upon receipt of a request therefor from the licensee or an intervener within thirty (30) days after the issuance of this notice.

FOR THE ATOMIC ENERGY COMMISSION

(Signed) R. L. Kirk

Dated at Germantown, Maryland
APR 9 1962

R. L. Kirk
Deputy Director
Division of Licensing & Regulation

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE 04-00487-06

Licensee: DEPARTMENT OF THE NAVY-NAVAL RADIOLOGICAL DEF. LAB
Site of operation: SAN FRANCISCO, CA. AND FOR BURIAL IN THE PACIFIC OCEAN

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION
The reason for elimination was: NO POSSESSION

Reviewer's comments concerning license 04-00487-06

Although the original license is not in the file (only amendment 2 of 4-9-62 slightly changing the burial site location), this license can be eliminated on the basis of the 1-30-64 certificate of disposition which states that no material was procured and the license was not used. Since the original license is missing an evaluation is impossible without information on materials, and there is no inventory cross reference to another job-box file.
HOWEVER THIS LICENSE PROBABLY SUPERCEDED(? LATE 1950s) THE WASTE DISPOSAL AND PACIFIC OCEAN BURIAL OPERATIONS OF LICENSE 04-00487-03 WHICH PROBABLY DID HAVE BURIAL ACTIVITIES.

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0321, BOX 02

Docket 27-00018

Licensee: DEPARTMENT OF THE NAVY-NAVAL RADIOLOGICAL DEF. LAB
Address: SAN FRANCISCO, CALIFORNIA Zip:
State of operation: CA
Site used: SAN FRANCISCO, CA. AND FOR BURIAL I
Disposition information present: CERTIFICATE
Text of certificate of disposition:
1-30-64: NONE PROCURED; NO USE OF LICENSE; NO RENEWAL DESIRED
Licensee indicated no material ever possessed
This license was listed as expired on 01/31/64
Remarks: LICENSE IS FOR WASTE DISPOSAL BY BURIAL IN THE PACIFIC OCEAN
JOB NUMBER: 0321 BOX NUMBER: 02

Date of last evaluation/revision: 08/14/92

Reviewer: PAB

UNITED STATES GOVERNMENT

Memorandum

DATE: APR 9 1962

TO : H. L. Price
Director of RegulationFROM : *R. L. K.*
R. Lowenstein, Director
Division of Licensing and RegulationSUBJECT: NOTICE OF AMENDMENT OF BYPRODUCT MATERIAL LICENSE NO. 4-487-6,
DEPARTMENT OF THE NAVY, U.S. NAVAL RADIOLOGICAL DEFENSE
LABORATORY, DOCKET NO. 27-18

LR:IB:NB

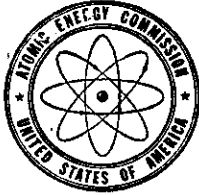
I have issued a notice of amendment of License No. 4-487-6 issued to the Department of the Navy, U.S. Naval Radiological Defense Laboratory, San Francisco, California. The amendment changes the burial location for disposal of wastes at sea specified in the license.

The new site is not significantly different from the site previously designated. The new site is designated on U.S. Coast and Geodetic Survey Chart 5502 as an Explosives Disposal Area and the depth at all points within the area exceeds 1,000 fathoms in depth. The former site which included a large percentage of the new site had some points at which the depth did not exceed 1,000 fathoms. All licenses which provide for disposal in the Pacific have been or will be amended to provide for the redesignated site.

The Atomic Energy Coordinator for the State of California is aware of this amendment and has no objections.

Attachment:

*4/10
2 PM
H. Se*



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D.C.

BYPRODUCT MATERIAL LICENSE

DEPARTMENT OF THE NAVY
U.S. NAVAL RADIOLOGICAL DEFENSE LABORATORY

DOCKET NO. 27-18

LICENSE NO. 4-487-6

AMENDMENT NO. 2

Byproduct Material License No. 4-487-6 is hereby amended as follows:

Condition 7.a. is amended to read:

7. a. Burial at a minimum depth of 1,000 fathoms in the Pacific Ocean within the area designated by the points designated as 37° 38' N., 123° 18' W.; 37° 38' N., 123° 30' W.; 37° 43' N., 123° 24' W. and 37° 43' N., 123° 30' W. or at other locations in the Pacific Ocean when approved by the Commission.

FOR THE ATOMIC ENERGY COMMISSION

(Signed) R. L. Kirk

R. L. Kirk
Deputy Director
Division of Licensing & Regulation

Date of Issuance:

APR 9 1962

Date Received MAR 13 1961	Expiration Date 1-31-64	Issue Date 1-29-62	Technical Reviewer WSE
Control No. 33112	Reference No.	License No. 4-487-C	Amendment No.
Isotope A. <i>Supernat</i> B. <i>Plutonium</i> C. D. E. F. G. H.	Form A. <i>White</i> B. C. D. E. F. G. H.	Possession Limit A. <i>500 curies</i> B. C. D. E. F. G. H.	

Authorized Use

A.

Plutonium No. 27-18

SCHA Reviews: ☐ Yes ☐ No Type User (Circle One) 1 2 3 4 5 6 7 Other

REMARKS, letters, phone calls, visits, exemptions, etc.
(Use reverse side if necessary) 3-2-61

27-18 NADL timely application for renewal
asks for 500 c/year - now has 150 c possession limit - conflict?
site now authorized 5 mile circle of 37°41' N., 122°25' W
37°39' N., 122°29.5' W is in explosives dumping area - deep, Southern corner
? add Brendon requested that licensee be told to dump there -
add 37°40' N 122°50' W, etc.
change notification condition 8
add condition re records to be kept on all changes.
add condition re record - 3 - incident?

Unencapsulated liquids without absorbers
voids (does have relief on blocks - but size, type & placement unknown)
pages later in get transportation & later covered; lacks date of packaging
required in Cond 9 of license (principal vs. most hazardous isotopes)

Conditions
1. A B C 12.
2. A B C 13.
3. A B C D 14. A B C
4. A B 15.
5. 16.
6. 17.
7. 18.
8. A B C 19.
9. A B C 20.
10. 21.
11.
(Use reverse side if Necessary)

☐ Approve ☐ Void

Technical Reviewer *WSE* Date 1-29-62
Chief Date

Mail to:

Date Mailed